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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/608,882

06/26/2003

Shivaram Bhat

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7843

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10/02/2006

OSHA LIANG L.L.P./SUN  
1221 MCKINNEY, SUITE 2800  
HOUSTON, TX 77010

EXAMINER

JOHNSON, CARLTON

ART UNIT

PAPER NUMBER

2136

DATE MAILED: 10/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/608,882	Applicant(s) BHAT ET AL.	
	Examiner Carlton Johnson	Art Unit 2136	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 June 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This action is responding to application papers filed **6-26-2003**.
2. Claims **1 - 25** are pending. Claims **1, 10, 19** are independent.

### *Claim Rejections - 35 USC § 103*

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims **1 - 7, 9 - 16, 18 - 22, 24, 25** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Moriconi et al.** (US PG PUB No. **20030115322**) in view of **Singhal et al.** (US Patent No. **20050021818**).

**Regarding Claims 1, 19**, Moriconi discloses a method, computer-usable medium having computer-readable program code embodied therein for causing a computer system to perform a method of controlling access to resources, said method comprising:

- b) receiving a request for access to said resource, said request comprising said requester identifying information; (see Moriconi paragraph [0050], lines 1-5: program, computer usable medium; paragraph [0068], lines 1-3: access request processed, subject or requestor identified) and

Moriconi discloses storing a policy definition for a resource in local memory, said policy decision based on a policy definition governing access to said resource and on requester identifying information provided to said source, and evaluating said request using said policy decision in said local memory instead of referring said request to said source for evaluation. (see Moriconi paragraph [0068], lines 4-9: process or evaluate access request; paragraph [0076], lines 16-19; paragraph [0024], lines 1-9: policy definition processed locally or by local security policy, policy definition local client security policy stored within local memory, access policy based on subject or requestor identification) Moriconi does not specifically disclose a policy decision for a resource in local memory, said policy decision received from a source of policy definitions, said policy decision based on a policy definition governing access to said resource.

However, Singhal discloses:

- a) a policy decision for a resource in local memory, said policy decision received from a source of policy definitions, said policy decision based on a policy definition governing access to said resource; (see Singhal paragraph [0062], lines 7-11: policy decision storage in local memory)
- c) evaluating said request using said policy decision in said local memory (see Singhal paragraph [0062], lines 7-11: storage policy decision parameter in local memory)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision for a resource

in local memory, said policy decision received from a source of policy definitions, said policy decision based on a policy definition governing access to said resource.

One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers.

(see Singhal paragraph [0062], lines 1-6: "*... provide content providers 106, third party application providers 108 and partner portals 110 with more information about the user and network capabilities to enable provision of better services, inline context injection is done in the HTTP header by HTTP application handler 208 ...*")

**Regarding Claims 2, 11, 20**, Moriconi discloses the method and computer usable medium of claims 1, 10, 19 wherein said resource is affiliated with another resource, and wherein further a policy decision for said other resource is received from said source and stored in local memory. (see Moriconi paragraph [0050], lines 1-5: program, computer usable medium; paragraph [0024], lines 1-9: local client security policy to a client, policy definition within local memory; paragraph [0056], lines 1-12: linked resources, policy for 2nd resource based on 1st resource) Moriconi does not specifically disclose the processing of a policy decision. However, Singhal discloses wherein a policy decision for said other resource. (see Singhal paragraph [0062], lines 7-11: local memory storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within a security management environment. One of ordinary skill in the art would have been

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motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

**Regarding Claims 3, 12, 21**, Moriconi discloses the method, computer usable medium wherein said computer-readable program code embodied therein causes said computer system of claims 1, 10, 19 further comprising: receiving from said source a notification of a change in said policy definition. (see Moriconi paragraph [0082], lines 3-10: update distribution or notification of change in policy definition)

**Regarding Claims 4, 13**, Moriconi discloses the method of claims 3, 12 wherein said notification identifies resources affected by said change. (see Moriconi paragraph [0082], lines 7-10: only changes to policy definition are incorporated and transmitted)

**Regarding Claims 5, 14**, Moriconi discloses the method of claims 3, 12 wherein said notification also comprises an updated version of said policy definition based on said change. (see Moriconi paragraph [0082], lines 1-3: updated version of policy definition; paragraph [0082], lines 7-13: updated version transmitted to clients) Moriconi does not specifically disclose the processing of a policy decision. However, Singhal discloses wherein said policy decision. (see Singhal paragraph [0062], lines 7-11: local memory storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within

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a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

**Regarding Claims 6, 15,** Moriconi discloses the method of claims 3, 12 further comprising:

Moriconi discloses wherein marking said policy decision subject to said change, and requesting an updated version of said policy decision in response to a subsequent request for said resource. (see Moriconi paragraph [0082], lines 3-10: updated version of policy information for specific users; paragraph [0174], lines 1-5: request for policy change information). Moriconi does not specifically disclose the processing of a policy decision.

However, Singhal discloses:

- a) said policy decision subject to said change; (see Singhal paragraph [0062], lines 7-11: local memory or storage of policy decision)
- b) said policy decision in response to a subsequent request. (see Singhal paragraph [0062], lines 7-11: local memory or storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the

provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

**Regarding Claims 7, 16,** Moriconi discloses the method of claims 1, 10 further comprising: sending a message to said source, said message requesting updates for policy definitions stored in said memory. (see Moriconi paragraph [0024], lines 1-9: local client security policy transmitted to a client, policy definition within local memory; paragraph [0174], lines 1-5: request to server for policy change information) Moriconi does not specifically disclose processing security information utilizing a policy decision parameter. However, Singhal discloses wherein policy decisions stored in said memory. (see Singhal paragraph [0062], lines 7-11: local memory storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

**Regarding Claims 9, 24,** Moriconi discloses the method, computer usable medium of claims 1, 19 wherein a condition associated with said policy definition is also received from said source and stored locally, wherein said condition is enforced locally. (see Moriconi paragraph [0024], lines 1-9: local client security policy transmitted to a client,



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policy definition within local memory; paragraph [0047], lines 17-20: policy enforced locally)

**Regarding Claims 10, 25,** Moriconi discloses a method of controlling access to resources, said method comprising:

- a) receiving a request for access to a resource, said request comprising requestor identifying information, wherein said request is referred to a source of a policy definition that governs access to said resource for evaluation; (see Moriconi paragraph [0068], lines 1-3: access request processed, subject or requestor identified)
- b) receiving from said source a policy decision for said resource, said policy decision based on said policy definition and said requestor identifying information; (see Moriconi paragraph [0068], lines 4-9: policy decision determined) and

Moriconi discloses wherein storing said policy decision in local memory, wherein a subsequent request for said resource is evaluated locally using said policy decision stored in memory. (see Moriconi paragraph [0076], lines 16-19: policy definition in local memory; paragraph [0047], lines 15-20: policy definition enforced based on local security policy or locally) Moriconi does not specifically disclose processing security information utilizing a policy decision parameter.

However, Singhal discloses:

- c) storing said policy decision in local memory, (see Singhal paragraph [0062], lines 7-11: local memory storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

**Regarding Claim 18**, Moriconi discloses the method of claim 10 further comprising: receiving from said source a condition associated with said policy definition, wherein said condition is enforced locally. (see Moriconi paragraph [0047], lines 15-20: policy definition enforced based on local security policy or locally)

**Regarding Claim 22**, Moriconi discloses the computer-usable medium of claim 19 wherein said computer-readable program code embodied therein causes said computer system to perform said method comprising: sending a message to said source, said message requesting updates for policy definitions stored in said memory. (see Moriconi paragraph [0174], lines 1-5: request updates to policy definitions) Moriconi does not specifically disclose processing security information utilizing a policy decision

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parameter. However, Singhal discloses wherein policy decisions stored in said memory. (see Singhal paragraph [0062], lines 7-11: local memory storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

5. Claims **8, 17, 23** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Moriconi-Singhal** and further in view of **Chakraborty et al.** (US Patent No. **20040054791**).

**Regarding Claim 8**, Moriconi discloses the method of claim 1 wherein said policy definition is valid is also received from said source and stored locally. (see Moriconi paragraph [0081], lines 1-5: policy definition is valid; paragraph [0047], lines 15-20; paragraph [0076], lines 16-19: policy received, received and stored locally) Moriconi not specifically disclose processing security information utilizing a policy decision parameter. However, Singhal discloses wherein said policy decision. (see Singhal paragraph [0062], lines 7-11: local memory storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within

a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

Moriconi-Singhal does not specifically disclose an expiration time for policy decision. However, Chakraborty discloses wherein a period of time said policy information is valid. (see Chakraborty paragraph [0016], lines 4-9; paragraph [0019], lines 6-12: security policy information processing; paragraph [0051], lines 2-3; paragraph [0053], lines 5-7: policy information with time based expiration condition or period of time policy information valid)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi-Singhal as taught by Chakraborty to enable the usage of a period of time policy information is valid. One of ordinary skill in the art would have been motivated to employ the teachings of Chakraborty in order to enable the sharing of the same core policy library across various web servers. (see Chakraborty paragraph [0020], lines 1-6: “ ... allows users to configure multiple instances of the same web server with an already installed version of the agent. Instead of reinstalling multiple copies of the shared library or dynamically linked library, the same core policy library is shared across various web servers ...”)

**Regarding Claim 17**, Moriconi discloses the method of claim 10 further comprising: receiving information that identifies said policy definition is valid. (see Moriconi

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paragraph [0081], lines 1-5: determine policy definition valid) Singhal does not specifically disclose processing security information utilizing a policy decision parameter. However, Singhal discloses wherein said policy decision. (see Singhal paragraph [0062], lines 7-11: local memory storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

Moriconi-Singhal does not specifically disclose an expiration time for policy decision. However, Chakraborty discloses wherein a period of time said policy information is valid. (see Chakraborty paragraph [0016], lines 4-9; paragraph [0019], lines 6-12: security policy information processing; paragraph [0051], lines 2-3; paragraph [0053], lines 5-7: policy information, time based expiration condition or period of time policy information is valid)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi-Singhal as taught by Chakraborty to enable the usage of a period of time policy information is valid. One of ordinary skill in the art would have been motivated to employ the teachings of Chakraborty in order to enable the sharing of the same core policy library across various web servers. (see Chakraborty paragraph [0020], lines 1-6: “ ... allows users to configure multiple instances of the same web server with an already installed version of the agent. Instead of reinstalling multiple copies of the

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*shared library or dynamically linked library, the same core policy library is shared across various web servers ...")*

**Regarding Claim 23**, Moriconi discloses the computer-usable medium of claim 19 wherein a policy definition is valid, is also received from said source, and stored locally. (see Moriconi paragraph [0024], lines 1-6: policy definition, stored locally within local client security policy transmitted to a client) Singhal does not specifically disclose processing security information utilizing a policy decision parameter. However, Singhal discloses wherein said policy decision. (see Singhal paragraph [0062], lines 7-11: local memory or storage of policy decision)

It would have been obvious to one of ordinary skill in the art to have modified Moriconi as taught by Singhal to enable the usage of a policy decision parameter within a security management environment. One of ordinary skill in the art would have been motivated to employ the teachings of Singhal in order to enable the provisioning of better services by content providers. (see Singhal paragraph [0062], lines 1-6)

Moriconi-Singhal does not specifically disclose an expiration time for policy decision. However, Chakraborty discloses wherein a period of time said policy decision is valid. (see Chakraborty paragraph [0016], lines 4-9; paragraph [0019], lines 6-12: security policy information processing; paragraph [0051], lines 2-3; paragraph [0053], lines 5-7: policy information with time based expiration condition or period of time policy information is valid)

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It would have been obvious to one of ordinary skill in the art to have modified Moriconi-Singhal as taught by Chakraborty to enable the usage of a period of time policy information is valid. One of ordinary skill in the art would have been motivated to employ the teachings of Chakraborty in order to enable the sharing of the same core policy library across various web servers. (see Chakraborty paragraph [0020], lines 1-6)

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlton Johnson whose telephone number is 571-270-1032. The examiner can normally be reached Monday through Friday from 8:00AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami, can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Carlton Johnson  
September 11, 2006

NASSER MOAZZAMI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

  
9/25/06